



MACF1 rabbit pAb

Catalog No	YP-Ab-09324
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MACF1 ABP620 ACF7 KIAA0465 KIAA1251
Immunogen	Synthesized peptide derived from human MACF1 AA range: 5623-5673
Specificity	This antibody detects endogenous levels of human MACF1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	620 kDa actin-binding protein;ABP620;ACF7;Actin cross-linking family protein 7; KIAA0754;MACF1;MACF1 ABP620 ACF7 KIAA0465 KIAA1251;Microtubule-actin cross-linking factor 1;isoforms 1/2/3/5 (620 kDa actin-binding protein) (ABP620) (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha)
Observed Band	600 kDa
Calculated Molecular Weight	5430 aa, 620 kDa
Cell Pathway	[Isoform 2]: Cytoplasm, cytoskeleton . Cytoplasm . Golgi apparatus . Cell membrane . Cell projection, ruffle membrane . The phosphorylated form is found in the cytoplasm while the non-phosphorylated form associates with the microtubules (By similarity). Localizes to the tips of microtubules (PubMed:27693509). Associated with the minus-end of microtubules via interaction with CAMSAP3 (PubMed:27693509). APC controls its localization to the cell membrane which is critical for its function in microtubule stabilization (PubMed:20937854). . ; [Isoform 1]: Cytoplasm . Golgi apparatus . Localizes to the tips of microtubules. .
Tissue Specificity	Isoform 2: Ubiquitously expressed. Isoform 1: Expressed in cell lines NCI-H460, A-549 and HaCaT. Isoform 4: Expressed in heart, lung, pituitary and placenta, not found in brain, kidney, liver, pancreas or skeletal muscle.

Function**Background****matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images